

# MATERIAL SAFETY DATA SHEET

## Section I: Identification

Company Name: Schultz Company  
Address: 13260 Corporate Exchange Drive  
Bridgeton, MO 63044-3720  
Telephone: (314) 298-2700

Trade Name: Schultz® MultiCote® 18-6-12 Time-Release Plant Food  
(plus micronutrients)

## Section II: Hazardous Ingredients

MIXTURE:	No		
HAZARDOUS COMPONENTS & COMMON NAMES			
Ammonium Nitrate	55 %	Monoammonium Phosphate	11 %
Potassium Sulfate	22 %	Polymer Coating	12 %

## Section III: Physical & Chemical Data

BOILING POINT:	Decomp >200°C	SPECIFIC GRAVITY:	(H <sub>2</sub> O =1)
2.11			
MELTING POINT:	Decomposes	VAP PRESSURE:	<1mm Hg
SOLUBLE IN WATER:	Dissolves very slowly; polymer coating insoluble	EVAPORATION RATE:	N/A
		APPEARANCE & ODOR:	Yellow - brown pills little odor

## Section IV: Fire & Explosion Hazard Data

FLASH POINT:	Above 150°C TCC	FLAMMABLE LIMITS:	N/A
Lel:	N/A	Uel:	N/A
EXTINGUISHING MEDIA:	Not Flammable		
SPECIAL FIRE-FIGHTING PROCEDURE:	Use self-contained breathing equipment		
UNUSAL FIRE & EXPLOSION HAZARDS:	Noxious fumes may form. Oxides of Nitrogen, Ammonia & CN-gas.		

## Section V: Reactivity Data

STABILITY:	Stable	CONDITIONS TO AVOID:	Fire Conditions
INCOMPATIBILITY (MATERIALS TO AVOID: Strong Acids Oxides,		HAZARDOUS DECOMPOSITION PRODUCTS:	Nitrous
HAZARDOUS POLYMERIZATION:	Will not occur		CN-gas

## Section VI: Health Hazard Data

ENTRY ROUTES: Inhalation; Irritating Skin; Not Hazardous  
HEALTH HAZARDS (Acute & Chronic): Oral Ingestion: Low Toxicity. Ingest of large quantities may cause Nitrate Poisoning. LD50 unknown. Eye Contact: May cause mild irritation and burn. Skin Contact: Normally not hazardous.  
SIGNS & SYMPTOMS OF EXPOSURE: Small amounts: Weakness, general depression, headache, and mental impairment.  
Large amounts: Dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, convulsions, and collapse. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.  
EMERGENCY & FIRST AID PROCEDURES: Eye Contact: Flush immediately with continuous irrigation of flowing water for at least 30 minutes. Seek medical consultation if irritation persists. Call a physician if irritation persists.

## Section VII: Precautions for Safe Handling & Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain material. Pick up material and store in plastic bags away from combustibles. Do not contaminate streams and water supplies.

WASTE DISPOSAL METHOD: Dispose of in a non-crop area away from water supplies or in an approved landfill in accordance with State, Federal and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not get on skin, on clothing or in eyes. Keep out of reach of children. Store in a cool, dry place. Avoid storing with oxidizable materials.

OTHER PRECAUTIONS: Avoid breathing dusts. Avoid contact with flammable materials.

### **Section VIII: Control Measures**

**RESPIRATORY PROTECTION:** Nonenormally needed. *Use dust mask if conditions warrant.*

**VENTILATION:** Local exhaust if needed. **MECHANICAL:** N/A **SPECIAL:** N/A **OTHER:** N/A

**PROTECTIVE GLOVES:** Optional **EYE PROTECTION:** Use wrap-around goggles

**OTHER PROTECTIVE EQUIPMENT:** Body-covering clothing. Shower after handling.

**REVISED 10/98**